

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| | | count\$3 with (request access) with ((reader terminal device) | USPAT | OR | OFF | 2004/12/21 14:03 |
| | | removable external detached) adj security with (count\$3 access\$3)and (smart adj card smart-card smart near1 card) adj (reader terminal) | USPAT | OR | OFF | 2004/12/17 16:11 |
| | | (secure adj application adj ((micromodule)micro-module))) | USPAT | OR | OFF | 2004/12/17 12:06 |
| | | "data processing device".ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 14:13 |
| L1 | 25 | "04328" | USPAT; EPO | OR | OFF | 2004/12/26 21:13 |
| L2 | 0 | "04328" | EPO | OR | OFF | 2004/12/26 21:16 |
| L3 | 25 | "04328" | USPAT; EPO | OR | OFF | 2004/12/26 21:14 |
| L4 | 2 | "713".clas. and (manag\$4 with secure with terminal) and (smart adj4 card\$4) | USPAT; EPO | OR | OFF | 2004/12/26 21:16 |
| L5 | 1 | "4328" | EPO | OR | OFF | 2004/12/26 21:17 |
| L6 | 0 | WO000954328 | EPO | OR | OFF | 2004/12/26 21:17 |
| L7 | 1 | WO000004328A1 | EPO | OR | OFF | 2004/12/26 21:18 |
| L8 | 0 | WO009504328 | EPO | OR | OFF | 2004/12/26 21:19 |
| L9 | 0 | 95/04328 | EPO | OR | OFF | 2004/12/26 21:19 |
| L10 | 1 | "4328" | EPO | OR | OFF | 2004/12/26 21:20 |
| L11 | 489 | "4328" | USPAT; EPO; JPO | OR | OFF | 2004/12/26 21:21 |
| L12 | 4 | "9504328" | USPAT; EPO; JPO | OR | OFF | 2004/12/26 22:06 |
| L13 | 1 | external adj security adj circuit | USPAT; EPO; JPO | OR | OFF | 2004/12/26 22:08 |
| L14 | 1 | external adj security adj (circuit device) | USPAT; EPO; JPO | OR | OFF | 2004/12/26 22:09 |
| L15 | 13 | external adj security adj (circuit device) | USPAT; EPO; JPO | OR | OFF | 2004/12/26 22:27 |
| L16 | 2483 | tamada.in. | USPAT; EPO; JPO | OR | OFF | 2004/12/26 22:29 |
| L17 | 202 | tamada.in. and toshiba.as. | USPAT; EPO; JPO | OR | OFF | 2004/12/26 22:30 |
| L18 | 19 | tamada.in. and toshiba.as. | USPAT | OR | OFF | 2004/12/26 22:30 |

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| S1 | 0 | 713/200.ccls. and (manag\$4 with secure with terminal) and (smart adj4 card\$4) | USPAT | OR | OFF | 2004/12/17 12:03 |
| S2 | 1 | "713".clas. and (manag\$4 with secure with terminal) and (smart adj4 card\$4) | USPAT | OR | OFF | 2003/10/28 10:49 |
| S3 | 0 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) and (remov\$5 with electronic ad4 security adj4 circuit) | USPAT | OR | OFF | 2004/12/17 12:29 |
| S4 | 3 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) | USPAT | OR | OFF | 2003/10/29 13:08 |
| S5 | 0 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) and (remov\$4 with security with circuit) | USPAT | OR | OFF | 2003/10/28 09:24 |
| S6 | 0 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) and (remov\$4 with security with circuit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 09:25 |
| S7 | 0 | (secure with terminal) and (smart adj4 card\$4) and (remov\$4 with security with circuit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 09:25 |
| S8 | 53 | (secure with terminal) and (smart adj4 card\$4) and (security with circuit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 09:25 |
| S9 | 0 | (secure adj terminal) and (smart adj card\$4) and (security adj circuit) and (count\$4) and (secret adj4 code) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 09:26 |
| S10 | 7 | (secure adj terminal) and (smart adj card\$4) and (security adj circuit) and (count\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 09:31 |
| S11 | 3 | (secure adj terminal) and (smart adj card\$4) and (circuit) and (counter) | USPAT; EPO | OR | OFF | 2003/10/28 09:38 |
| S12 | 14 | "696016" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 11:30 |

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| S13 | 26 | "157303" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 14:04 |
| S14 | 1 | ("5845069").PN. | USPAT; USOCR | OR | OFF | 2003/10/28 13:27 |
| S15 | 32 | "0157303" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 14:11 |
| S16 | 16 | tamada-masuo.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2003/10/28 16:29 |
| S17 | 1 | ("4879645").PN. | USPAT; USOCR | OR | OFF | 2003/10/28 14:38 |
| S18 | 1 | ("5845069").PN. | USPAT; USOCR | OR | OFF | 2003/10/29 13:14 |
| S19 | 1 | (secure with terminal) and (smart adj4 card\$4) and (pin) and (verif\$6 with certificate) and (divid\$4 with class\$2) | USPAT | OR | OFF | 2003/10/29 09:24 |
| S20 | 5 | 713/200.ccls. and (secure with terminal) and (smart adj4 card\$4) and (secret with code) | USPAT | OR | OFF | 2003/10/29 13:12 |
| S21 | 1 | ("6539093").PN. | USPAT; USOCR | OR | OFF | 2003/10/29 13:14 |
| S22 | 5 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) | USPAT | OR | OFF | 2004/12/12 13:29 |
| S23 | 202 | Gemplus.as. | USPAT | OR | OFF | 2004/12/12 13:32 |
| S24 | 0 | Gemplus.as. and removable adj security adj circuit | USPAT | OR | OFF | 2004/12/12 13:33 |
| S25 | 2 | removable adj security adj circuit | USPAT | OR | OFF | 2004/12/12 13:44 |
| S26 | 7 | (smart IC) adj card with removable adj security | USPAT | OR | OFF | 2004/12/12 14:16 |
| S27 | 3 | (removable detachable)adj secu\$5 adj circuit | USPAT | OR | OFF | 2004/12/12 13:45 |
| S28 | 106 | (two (more near2 one))adj (smart IC)adj card | USPAT | OR | OFF | 2004/12/12 14:24 |
| S29 | 0 | (two (more near2 one))adj (smart IC)adj card with external adj security adjcircuit | USPAT | OR | OFF | 2004/12/12 14:25 |
| S30 | 5 | (smart IC)adj card with external adj security adjcircuit | USPAT | OR | OFF | 2004/12/12 14:26 |
| S31 | 0 | (smart IC)adj card with external adj security adj circuit | USPAT | OR | OFF | 2004/12/12 14:26 |

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| S32 | 0 | (smart IC)adj card with external adj security adj (circuit device card) | USPAT | OR | OFF | 2004/12/12 14:27 |
| S33 | 10 | external adj security adj (circuit device card) | USPAT | OR | OFF | 2004/12/12 14:27 |
| S34 | 0 | (secure adj application adj micromodule) with smart adj card | USPAT | OR | OFF | 2004/12/17 12:04 |
| S35 | 0 | (secure adj application adj micromodule) | USPAT | OR | OFF | 2004/12/17 12:05 |
| S36 | 0 | (secure adj application adj ((micromodule)micro-module)) | USPAT | OR | OFF | 2004/12/17 12:10 |
| S37 | 14 | (secure adj application adj ((micromodule)micro-module) SAM)adj circuit | USPAT | OR | OFF | 2004/12/17 12:10 |
| S38 | 2 | ("6532122").URPN. | USPAT | OR | OFF | 2004/12/17 12:13 |
| S39 | 0 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) and (remov\$5 with electronic ad4 security adj4 circuit) | USPAT | OR | OFF | 2004/12/17 12:29 |
| S40 | 0 | (manag\$4 with secure with terminal) and (smart adj4 card\$4) and (remov\$5 with electronic adj4 security adj4 circuit) | USPAT | OR | OFF | 2004/12/17 12:30 |
| S41 | 0 | smart adj card with external adj security adj circuit | USPAT | OR | OFF | 2004/12/17 12:31 |
| S42 | 0 | smart adj card and external adj security adj circuit | USPAT | OR | OFF | 2004/12/17 12:32 |
| S43 | 1 | external adj security adj circuit | USPAT | OR | OFF | 2004/12/17 12:34 |
| S44 | 2 | removable adj security adj circuit | USPAT | OR | OFF | 2004/12/17 12:41 |
| S45 | 0 | (removable external detached) adj security adj circuit and smart adj card | USPAT | OR | OFF | 2004/12/17 12:42 |
| S46 | 3 | (removable external detached) adj security adj circuit | USPAT | OR | OFF | 2004/12/17 16:01 |
| S47 | 231 | 713/182.ccls. | USPAT | OR | OFF | 2004/12/17 12:46 |
| S48 | 54 | 713/182.ccls. and smart adj card | USPAT | OR | OFF | 2004/12/17 13:58 |
| S49 | 0 | (dual two double) adj smart adj card adj (authentic\$3 verif\$5) | USPAT | OR | OFF | 2004/12/17 14:00 |
| S50 | 0 | (dual two double " more than one") adj smart adj card adj (authentic\$3 verif\$5) | USPAT | OR | OFF | 2004/12/17 14:00 |
| S51 | 31 | (dual two double " more than one") adj smart adj card | USPAT | OR | OFF | 2004/12/17 14:00 |
| S52 | 4 | ("5979773").URPN. | USPAT | OR | OFF | 2004/12/17 14:06 |
| S53 | 4 | ("5979773").URPN. | USPAT | OR | OFF | 2004/12/17 14:08 |
| S54 | 42 | ("4879645").URPN. | USPAT | OR | OFF | 2004/12/17 14:59 |
| S55 | 42 | ("4879645").URPN. | USPAT | OR | OFF | 2004/12/17 15:00 |

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| S56 | 1 | ("4879645").PN. | USPAT | OR | OFF | 2004/12/17 15:00 |
| S57 | 42 | ("4879645").URPN. | USPAT | OR | OFF | 2004/12/17 15:02 |
| S58 | 42 | ("4879645").URPN. | USPAT | OR | OFF | 2004/12/17 15:00 |
| S59 | 7 | ("4352011" "4439670" "4453074" "4484067" "4558176" "4583196" "4740890").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/17 15:01 |
| S60 | 2 | S57 and smart adj card | USPAT | OR | OFF | 2004/12/17 15:02 |
| S61 | 992 | (smart adj card smart-card smart near1 card) adj (reader terminal) | USPAT | OR | OFF | 2004/12/17 16:02 |
| S62 | 0 | (smart adj card smart-card smart near1 card) adj (reader terminal) with request with count | USPAT | OR | OFF | 2004/12/17 15:44 |
| S63 | 21 | (smart adj card smart-card smart near1 card) adj (reader terminal) with request | USPAT | OR | OFF | 2004/12/17 15:44 |
| S64 | 3 | (smart adj card smart-card smart near1 card) adj (reader terminal) with request and count | USPAT | OR | OFF | 2004/12/17 15:46 |
| S65 | 3 | (smart adj card smart-card smart near1 card) adj (reader terminal) with count | USPAT | OR | OFF | 2004/12/17 15:49 |
| S66 | 3 | (smart adj card smart-card smart near1 card) with (reader terminal) with count | USPAT | OR | OFF | 2004/12/17 15:52 |
| S67 | 87997 | (reader terminal) access with count | USPAT | OR | OFF | 2004/12/17 15:53 |
| S68 | 2876 | S67 and (smart adj card smart-card smart near1 card) | USPAT | OR | OFF | 2004/12/17 15:54 |
| S69 | 1 | (reader terminal) adj access with count | USPAT | OR | OFF | 2004/12/21 13:47 |
| S70 | 17 | (reader terminal device) adj access with count | USPAT | OR | OFF | 2004/12/17 15:56 |
| S71 | 1 | S70 and (smart adj card smart-card smart near1 card) | USPAT | OR | OFF | 2004/12/17 15:54 |
| S72 | 1 | (reader terminal device) adj access with count and (smart adj card smart-card smart near1 card) | USPAT | OR | OFF | 2004/12/17 15:56 |
| S73 | 308 | (removable external detached) adj security | USPAT | OR | OFF | 2004/12/17 16:09 |
| S74 | 2 | S73 with (smart adj card smart-card smart near1 card) adj (reader terminal) | USPAT | OR | OFF | 2004/12/17 16:06 |
| S75 | 8 | S73 and (smart adj card smart-card smart near1 card) adj (reader terminal) | USPAT | OR | OFF | 2004/12/17 16:10 |
| S76 | 1 | (removable external detached) adj security with count\$3 | USPAT | OR | OFF | 2004/12/17 16:09 |

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| S77 | 37 | (removable external detached) adj security with (count\$3 access\$3) | USPAT | OR | OFF | 2004/12/17 16:10 |
| S78 | 1 | S77 and (smart adj card smart-card smart near1 card) adj (reader terminal) | USPAT | OR | OFF | 2004/12/17 16:10 |
| S79 | 1 | (removable external detached) adj security with (count\$3 access\$3) and (smart adj card smart-card smart near1 card) adj (reader terminal) | USPAT | OR | OFF | 2004/12/17 16:11 |
| S80 | 1 | count\$3 with ((reader terminal) adj access) | USPAT | OR | OFF | 2004/12/21 13:48 |
| S81 | 66 | count\$3 with ((reader terminal device) adj (request access)) | USPAT | OR | OFF | 2004/12/21 14:03 |
| S82 | 1 | count\$3 with ((reader terminal device) adj (request access)).ti. | USPAT | OR | OFF | 2004/12/21 13:48 |
| S83 | 1855 | count\$3 with (request access) with (reader terminal device) | USPAT; EPO | OR | OFF | 2004/12/21 14:04 |
| S84 | 33 | count\$3 adj (request access) with (reader terminal device) | USPAT; EPO | OR | OFF | 2004/12/21 15:21 |
| S85 | 12 | ("6018717").URPN. | USPAT | OR | OFF | 2004/12/21 14:09 |
| S86 | 12 | ("6018717").URPN. | USPAT | OR | OFF | 2004/12/21 14:09 |
| S87 | 12 | ("6018717").URPN. | USPAT | OR | OFF | 2004/12/21 14:09 |
| S88 | 1 | authenticat\$3 adj counter with (terminal device reader) | USPAT; EPO | OR | OFF | 2004/12/21 19:10 |
| S89 | 0 | authenticat\$3 adj counter.ti. | USPAT; EPO | OR | OFF | 2004/12/21 15:37 |
| S90 | 6 | authenticat\$3 adj counter | USPAT; EPO | OR | OFF | 2004/12/21 15:37 |
| S91 | 10 | (US-4879645-\$ or US-5845069-\$ or US-5979773-\$ or US-6065679-\$ or US-6539093-\$ or US-6606744-\$ or US-6694436-\$ or US-6018717-\$ or US-6470451-\$ or US-6577733-\$).did. | USPAT | OR | OFF | 2004/12/21 19:02 |
| S92 | 4 | S91 and count | USPAT | OR | OFF | 2004/12/21 19:03 |
| S93 | 59457 | counter with (terminal device reader) | USPAT; EPO | OR | OFF | 2004/12/21 19:11 |
| S95 | 269 | counter near2 (terminal device reader) near4 predetermined | USPAT; EPO | OR | OFF | 2004/12/21 20:19 |
| S96 | 3 | counter near2 (terminal device reader) near4 predetermined near2 (halt\$3 stop\$4 restrict\$3) | USPAT; EPO | OR | OFF | 2004/12/21 20:18 |
| S97 | 5 | count\$3 with request with (terminal device reader) with(predetermined pre-determined)with (halt\$3 stop\$4 restrict\$3) | USPAT; EPO | OR | OFF | 2004/12/21 20:23 |

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| S98 | 0 | count\$3 adj request with (program terminal device reader) with(predetermined pre-determined) with (halt\$3 stop\$4 restrict\$3) | USPAT; EPO | OR | OFF | 2004/12/21 19:24 |
| S99 | 42 | count\$3 adj request with (program terminal device reader) | USPAT; EPO | OR | OFF | 2004/12/21 19:25 |
| S100 | 163 | count\$3 with (request execution) with (terminal device reader) with(predetermined pre-determined) | USPAT; EPO | OR | OFF | 2004/12/21 20:23 |
| S101 | 8 | ("5940589").URPN. | USPAT | OR | OFF | 2004/12/21 20:25 |
| S102 | 2 | "713".clas. and (manag\$4 with secure with terminal) and (smart adj4 card\$4) | USPAT | OR | OFF | 2004/12/26 21:15 |